

ABSTRACT OF THE DISCLOSURE

A guidance system for controlling the steering of a swing arm on a center pivot irrigation system is provided through the use of two satellite signal receiving antennas associated with a drive tower for the swing arm. The signal receiving antennas are mounted from the swing tower so that one of the antennas is in a position forwardly of a steerable wheel for the tower and the other antenna is located in a position rearwardly of the steerable wheel. The signal receiving antennas are mounted in such fashion that they rotate in a direct relation to the steering of the steerable wheel so as to provide position information for the steering of the drive tower that more efficiently and effectively maintains the drive tower on a desired path of travel.